

SN 10/607,589

Docket No. S-100,612

In Response to Office Action dated February 24, 2005

#### REMARKS

Claims 1-21 are pending in the present patent application. Claims 5-10, 12-14 and 16-21 have been allowed. Claims 1-4, 11, and 15 have been rejected.

According to the present Office Action, claims 1-4, 11, and 15 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter that Applicant regards as the invention. According to the present Office Action, "...claim 1 is indefinite because there is no direct antecedent basis for the recitation of "the cross-linked, polymeric reaction product". Claims 2-4 are indefinite because they depend from indefinite claim 1. Claim 11 is indefinite because it recites "gas mixture" without any correlation/distinction to "a gas mixture" previously recited in claim 7. Claim 15 is indefinite because there is no direct antecedent basis for the recitation of "the cross-linked, polymeric reaction product"..."

According to the present Office Action, claims 1-4, 11, and 15 would be allowable if rewritten or amended to overcome these rejections under 35 U.S.C. 112, second paragraph.

Applicant has amended claim 1 by changing "...the cross-linked, polymeric reaction product..." to "...a cross-linked, polymeric reaction product...". With this change, Applicant believes that claims 1-4 are no longer indefinite. Applicant believes that amended claim 1, and original claims 2-4, are allowable and respectfully requests that the rejection of claims 1-4 under 35 U.S.C. 112, second paragraph, be withdrawn.

Applicant has amended claim 11 by changing "...gas mixture..." to "...the gas mixture...". With this change, Applicant believes that claim 11 is no longer indefinite. Applicant believes that amended claim 11 is allowable and respectfully requests that the rejection of claim 11 under 35 U.S.C. 112, second paragraph, be withdrawn.

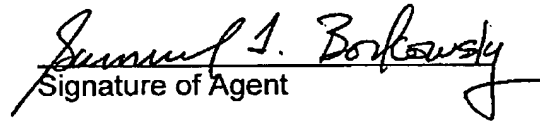
Applicant has amended claim 15 by changing "...the cross-linked polymeric reaction product..." to "...a cross-linked polymeric reaction product...". With this change, Applicant believes that claim 15 is no longer indefinite. Applicant believes that amended claim 15 is allowable and respectfully requests that the rejection of claim 15 under 35 U.S.C. 112, second paragraph, be withdrawn.

Applicant respectfully requests that this amendment be entered into the present patent application.

SN 10/607,589Docket No. S-100,612In Response to Office Action dated February 24, 2005

For the reasons set forth above, Applicant believe that all currently pending claims are in condition for allowance, and such action at an early date is earnestly solicited. No new matter has been added by the above changes. Reexamination and reconsideration are respectfully requested.

Respectfully submitted,

Date: March 24, 2005  
Signature of AgentReg. No. 42,346  
Phone (505) 665-3111Samuel L. Borkowsky  
Los Alamos National Laboratory  
LC/IP, MS A187  
Los Alamos, New Mexico 87545